R E P O R T

on the

H E A L T H

of the

URBAN DISTRICT OF BOWDON

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BOWDON URBAN DISTRICT COUNCIL

Public Health Committee

1966

Councillor	J. P. Cooper (Chairman)
"	Mrs. F. V. Vickery
"	Miss M.R. Mason J.P. M.A.
"	Colonel W.E.B. Dansie O.B.E.
"	T. Gray Hill
"	J. B. Humphreys
"	A. D. Johnson J.P.
"	F. Seatree
"	T. J. Brazier
"	V. P. McLoughlin
"	J. B. Chadwick
"	C. E. Ash

Medical Officer of Health

E. H. Gordon M.D. D.P.H.

Public Health Inspector

L. J. Cottrell A.R.S.I. M.Inst. P.H.E.

Council Offices,
The Firs,
Bowdon.

To the Chairman and Members of Bowdon Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting for your consideration and approval the Anuual Report on the Health and Sanitary circumstances in the district during the year 1966.

The mid year population was 4,660 only 10 more than the population figure for 1965. There were 54 live births, equivalent to a crude birth rate of 11.8 births per 1,000 of the population. However, the standardised birth rate works out at 12.5. 5 births per 1,000 less than the national birth rate of 17.7 live births per 1,000 of the population.

There were 66 deaths. The crude death rate was 14.16 deaths per 1,000 of the population, but after correction the rate was 9.48 which compares very favourably with the national death rate of 11.7 deaths per 1,000 of the population.

The principal causes of death are directly attributable to conditions affecting the circularatory system in differing parts of the body (vascular lesions in the nervous system) - intracranial haemorrhage or thrombosis - 6, coronery artery disease - 18, high blood pressure with heart disease - 10, other heart and circularatory diseases - 2.

Cornary heart disease is recognised as a "stress disease" and it might not be amiss to consider some stresses to which we are exposed. The carefree life of babyhood is soon lost and only a memory in the stress imposed in young children with the equivalent of 11 plus examination ahead. How many parents do not push their child because they naturally want the best for their child, although what they want is not always the best for the child. Children are physically growing older more quickly than they are mentally and psychologically and this is a big time of stress. Marriage brings the responsibility of finding a home and family status in the community leads to the acceptance of responsibility which may be in excess of the individuals capacity. Add to all this the ever quickening tempo of modern life, the curse of the telephone, and congestion on the roads. These our observations on stress may help to explain the high death rate from coronery artery disease, not to mention the national cost of antacids and sleeping pills.

Among the infectious diseases, the 18 case of measles were not unexpected, but 8 cases of dysentry are not so readily accepted and are evidence of the laxity in personal hygiene and cleanliness which prevails throughout the land today. It is, however, pleasing to note that not one case of tubercolosis was notified in the district during the year.

This is the last annual report I will submit to the Council and I am pleased that it contains a record of good work done, and that the result of that work is apparent in the satisfactory state of affairs in the district. I will miss the friendly atmosphere of the Committee Meetings and the friendship I have established with members of the Council and the staff during the years I have enjoyed working for your Council.

I have the honour to be,
your obedient servant,
E.H. GORDON.
Medical Officer of Health.

General Statistics

	1964	1965	1966
Area of District	1090	1090	1090
Average height above sea level	220	220	220
Registrar General's estimated mid year population	4660	4650	4660
Number of inhabited houses	1449	1470	1489
Rateable Value	£200,369	£197,766	£213,224
Sum represented by Penny Rate.	£800	£817	£888

Vital Statistics

Total live births	78	65	54
Crude birth rate per 1,000 population.	12.90	13.90	11.8
Comparability factor.	1.06	1.06	1.06
Standardised birth rate.	13.67	14.73	12.5
General birth rate per England and Wales.	18.4	18.0	17.7
Total still births.	0	0	1
Still birth rate per 1,000 live and still births.	0	15.15	18.18
Total live and still births.	78	66	55
Infant mortality rate per 1,000 legitimate live births.	13.90	32.78	62.5
Infant mortality per 1,000 live births.	12.80	3067	55.55
Infant mortality rate per 1,000 illegitimate live births.	.250	0	0
Maternal Deaths	0	0	0
Maternal mortality per 1,000 live and still births.	0	0	0
Total Deaths.	64	73	66
Crude death rate per 1,000 population.	13.69	15.69	14.16
Comparability factor.	0.73	0.66	0.67
Standardised death rate.	9.99	10.35	9.48
General Death Rate.	11.3	11.5	11.7
Deaths from Cancer.	8	9	8
Deaths from Tubercolosis	0	0	0

PART TWO - TABLES

Infant Mortality

Table 1. Live Births

Legitimate			Illegitimate			Totals		
1964	1965	1966	1964	1965	1966	1964	1965	1966
38	33	31	3	4	4	41	37	35
36	28	17	1	0	2	37	28	19
74	61	48	4	4	6	78	65	54

Table 2. Still Births

Legitimate			Illegitimate			Totals		
1964	1965	1966	1964	1965	1966	1964	1965	1966
0	0	1	0	0	0	0	0	1
0	1	0	0	0	0	0	1	0
0	1	1	0	0	0	0	1	1

Table 3. Deaths of Infants
Under 1 year of Age

Legitimate			Illegitimate			Totals		
1964	1965	1966	1964	1965	1966	1964	1965	1966
0	1	0	0	0	0	0	1	0
0	0	1	1	0	0	1	0	1
0	1	1	1	0	0	1	1	1

Table 4. Deaths of Infants
Under 4 weeks of age

Legitimate			Illegitimate			Totals		
1964	1965	1966	1964	1965	1966	1964	1965	1966
0	1	0	0	0	0	0	1	0
0	0	2	0	0	0	0	0	2
0	1	2	0	0	0	0	1	2

NOTIFIABLE DISEASES

For Year Ended - 1966	Scarlet Fever		WhoopingCough		Measles Excluding Rubella		Acute Poliomyelitis		Non Paralytic Poliomyelitis		Respiratory Tubercolosis		Dysentry	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Quarter Ended 31st March.	-	-	-	-	-	-	-	-	-	-	-	-	2	4
Quarter Ended 30th June.	-	-	-	-	2	3	-	-	-	-	-	-	-	1
Quarter Ended 30th September.	-	-	-	-	12	11	-	-	-	-	-	-	-	1
Quarter Ended 31st December.	1	-	-	-	-	-	-	-	4	1	-	-	-	-
Total Male & Female.	1	-	-	-	14	14	-	-	4	1	-	-	2	6

Figures as compared with 1964 and 1965

Disease	Number of cases Notified		
	1964	1965	1966
Scarlet Fever	1	3	1
Whooping Cough	4	7	0
Measles Excluding Rubella	37	20	18
Acute Poliomyelitis	0	0	0
Non Paralytic "	0	0	5
Respiratory Tubercolosis	0	0	0
Other Tubercolosis	0	0	0
Paratyphoid Fever	0	0	0
Dysentry	0	0	8
Food Poisoning	0	0	0
	43	31	34

HE NATIONAL HEALTH ACT SERVICES & SERVICE

Provided by the Cheshire County Council

NATIONAL HEALTH SERVICE, 1946

1. Hospital Services

Controlling Body	Manchester Regional Hospital Board.
Local Hospitals	Administered by North West, Mid Cheshire Hospital Management Committee.
Secretary	Mr. F. Fowden, Administrative Offices, Altrincham Maternity Hospital, Sinderland Road, Altrincham.

2. Hospitals Serving this Area

General Acute Cases	Altrincham General Hospital and Denzell Convalescent Home, Bowdon.
General Chronic Cases	Withington Hospital, Manchester and Cranford Lodge, Knutsford.
Maternity Hospitals	Southfields, Bowdon and Altrincham Maternity Hospital.
Ear, Nose and Throat	St. Anns Home, Altrincham.
Infectious Diseases	Monsall Hospital, Newton Heath, Manchester.
Smallpox	Ainsworth Smallpox Hospital near Bury.

Bowdon Residents are also treated in the many Manchester Hospitals

3. General Practitioners and General Dental Services

Controlling Body	National Health Service Executive Council of Cheshire.
Clerk	Mr. F. Hayter, 28 Nicholas Street, Chester.

4. Services of Local Health Authority - Cheshire County Council

Altrincham Divisional Health Committee

Immunisation and Vaccination	Care of Mothers and young children under the age of five years.
Care and after Care	Health Visiting
Home Help Service	District Nursing
Dormiciliary Midwifery	Chiropody Service
Care of Handicapped Persons	Clinic - Bowdon Vale

Cheshire County Council Services

Ambulance Service	Ambulance Station, Manchester Road, Broadheath. Telephone ALT. 3256.

Cheshire County Council Services
cont/.....

Maternity & Child Welfare	The Child Welfare Centre is open every Wednesday at Lister House, Broomfield Lane, Hale.
Dormiciliary Midwifery and District Nursing	Sister Warburton, Vicarage Lane, Bowdon.
Dental Services	Lister House - School Dentist or The Dental Hospital Manchester.
Mental Health Service	Occupation Centre, Navigation Road Altrincham. J. Thompson, 5 School Road, Sale, Cheshire.

The Divisional Health Area covers Altrincham M.B., Hale U.D.C., Knutsford U.D.C., Bowdon U.D.C., and Bucklow R.D.C.

Other Services by other Committees of Cheshire County Council

Education Committee	School Health Services, including School Dental Services.
Welfare Committee	
County Welfare Officer, Mr. Evans, County Hall, Chester.	Elderley persons, care and attention of homeless and handicapped persons, provisions for residential accommodation.
Childrens Committee	
Officer Mr. J. Blades, Area Office, 53/55 George Street, Altrincham, Cheshire.	Provides for the care of deprived children - children not under parental care, foster children etc.

The Divisional Medical Officer

Dr. E. H. Gordon M.D. D.P.H.,
Divisional Health Office,
Mountlands,
The Mount,
Altrincham.

Telephone ALT 5323 and 1981

Causes of Death for the year 1966

ses of Death	Male	Female	1966 Total	1965 Total
piratory Tubercolosis	-	-	-	-
er forms of Tubercolosis	-	-	-	-
nilitic Disease	-	-	-	-
theria	-	-	-	-
oping Cough	-	-	-	-
ngococcal Infections	-	-	-	-
te Poliomyelitis	-	-	-	-
sles	-	-	-	-
er infective and parasatic diseases	-	-	-	-
gnant Neoplasm of the Stomach	-	-	-	1
gnant Neoplasm of the Lung and Bronchus	-	-	-	3
gnant Neoplasm of the Breast	-	2	2	1
gnant and lymphatic Neoplasms	2	4	6	4
gnant Neoplasm of the Uterus	-	-	-	-
temia and aleaukemia	-	-	-	1
etes	-	-	-	2
ular lesions of nervous system	5	7	12	16
nery disease, angina	7	4	11	18
rtensions with heart disease	-	1	1	-
r heart diseases	2	8	10	10
r Circularatory diseases	-	3	3	2
uenza	1	-	1	-
monia	-	2	2	1
chitis	-	1	1	2
r Disease of the respiratory system	2	1	3	1
r of the stomach and duodenum	-	1	1	1
ritis, enteritis and diarohea	-	-	-	1
ritis and Nephrosos	-	-	-	-
rplasia of prostrate	1	-	1	-
nancy, childbirth,abortion	-	-	-	-
enial Malformations	-	-	-	-
r defined and ill defined diseases	3	5	8	5
r Vehicle Accidents	-	-	-	2
other Accidents	-	2	2	-
ide	1	1	2	-
cide and operations of war	-	-	-	-
	24	42	66	73

l of all Causes

	Under 4 weeks	Under 1 Year	1	5	15	25	35	45	55	65	75 & over	Total
s	-	-	-	-	-	-	1	4	4	7	8	24
les	1	-	-	-	-	-	1	1	3	8	27	42
l	1	-	-	-	-	-	2	5	7	15	35	66

The majority of deaths are those associated with old age, that is the failing of the carida vascular and with cander in its many forms.

REPORT OF THE PUBLIC HEALTH INSPECTOR

Improvement Grants

Applications for Improvement Grants were made during the year but the enthusiasm with which landlords avail this, leaves a lot to be desired. Improvement Grants were made for the provision for the full standard amenities and work was completed in five cases during the year.

Slum Clearance

The district is not a slum clearance problem there is only a small amount of property of the older type in the district which can not be said to warrant demolition proceedure.

Offices, Shops and Railway Premises Act.

Work has been started on the inspection of all premises under the Offices, Shops and Railway Premises Act.

Inspection of Meat and other Foods.

There are no licensed or registered slaughter houses in the district and the one butcher receives his meat from the central depot at Manchester and the quality of meat sold was found to be of a high standard. Several miscellaneous items of food were surrendered for contamination including a quantity of frozen foods, tinned tomatoes and ham.

Food Hygiene Regulations

The following shops and premises carry out business in the district.

Grocers	6
Bread and Confectionary	4
Premises for the sale of Ice Cream	7
Public Houses	2
Hotels	2
Off License Sales	1
Green Grocers	2

Refuse Collection and Disposal

The collection of refuse is carried out by a regular weekly collection and bins are collected from the premises. Disposal by tipping is carried out on land adjacent to the River Bollin. Suggestions have been made between the Urban District Council of Hale and Bowdon U.D.C. to utilise one tip and one set of equipment for work of refuse control.

Sewage Disposal

The new sewage disposal works has now been in operation and the results of analysis of the effluent have proved satisfactory.

Petroleum Licenses

There are four premises licensed for the sale of petroleum.

Bowdon Filling Station, Chester Road.
Levenot, Charcoal Road.
Stamford Garage, The Firs.
H. Ormson & Co., St. Mary's Road.

Rodent Control

Again the work of rodent control is carried out as a part time job by the working foreman and properties are visited on receipt of complaints. Further the Council's Refuse Tip and Sewage Works are treated monthly. Number of houses treated during the year is 22.

MANCHESTER CORPORATION WATERWORKS

WATER SUPPLY

1. The water has been of satisfactory quality throughout the year and there has been a slight improvement in bacteriological quality during the same period.

2. Raw water bacteriological examinations have not been made but five hundred abd fourty four samples of mixed Thirlmere and Haweswater supplies were taken in Manchester's distribution area, of which Bowdon is part, with the following results:-

Total of Samples.	544	
Samples free from coliforms	515	94.7%
Samples free from faecal coli	539	99.1%
Samples with faecal coli present	5	0.9%
Samples with non-faecal coli present	26	4.8%

The samples with coli present are summarised below:-

No. of coliforms present per 100 mls.	Faecal No. of samples	%	non Faecal No. of samples	%
1	5	0.9	12	2.2
2	-	-	3	0.5
3	-	-	2	0.4
5	-	-	1	0.2
6	-	-	2	0.4
8	-	-	1	0.2
9	-	-	1	0.2
18+	-	-	4	0.7
Totals	5	0.9	26	4.8

In all cases where unsatisfactory samples were obtained, repeat samples gave excellent results.

As the mixed supply from the lakes is subject to slight seasonal variations in chemical characteristics there is no such thing as a typical sample. The following analytical results, therefore, reprsent an "average" water as supplied:-

pH Value	...	...	7.95
Colour as ppm platinum	...	...	10
Turbidity, ppm silica scale	...	...	0.61

Parts per Million

Total solids dried at 180°C	...	...	45
Free acidity as CO_2	...	...	2
Alkalinity as $CaCO_3$	...	...	15
Total Hardness as $CaCO_3$	...	...	25
Chlorides as Cl	...	...	8
Oxygen absorbed test 4 hours at 27°C.	...	...	1.13
Silica as SiO_2	...	...	3
Iron as Fe	...	...	0.04
Manganese as Mn	...	...	0.01

cont/.....

Only slight variations occur in chemical quality of this water during the year.

3. The mixed water contains less than 0.1 ppm. of lead after standing 24 hours in contact with lead service pipes.

4. If bacteriological or chemical contamination if found, flushing and, if necessary, resterilisation of the mains is carried out.

FOOD AND DRUGS ACT 1955

I am indebted to the Chief Inspector of Weights and Measures, Cheshire County Council for the following details of samples taken under the Food and Drugs Act.

Name of Sample.	Number Obtained.	Number adulterated or not up to the recognised standards of quality.
Arrowroot B.P.C.	1	-
Cephos Powders	1	-
Epsom Salts	1	-
Lobster Sauce	1	-
Milk of Magnesia Tablets	1	-
Milks - fresh.	13	-
Onion Powder	1	-
Sausages - Pork	1	-
Tomatoes and Meat Sauce	1	-
Whisky	1	-
	22	-

Particular of samples not up to Standard 1966

ample	Results of Analysis			Remarks
	N	I	L	

Particulars of food complaints from private purchasers 1966

rom	Nature			Remarks
	N	I	L	

MILK SUPPLY

There are only three milk distributors in Bowdon and these are as follows:-

Name and Address	Designation	Obtained From
Mrs. L. Bolton, Vale Buildings, Vicarage Lane, Bowdon.	Sterilised	Wm. Horner Creameries, The Creamery, Cuddington.
Manchester & Salford Co-op Soc. Ltd., Vicarage Lane, Bowdon.	Pasteurised Sterilised	Manchester & Salford Co-op Soc. Ltd., Downing Street, Manchester, 1.
A & E Warburton, Grange Farm, Grange Road, Bowdon.	Pasteurised Sterilised	Wm. Horner Creameries, The Creamery, Cuddington.

9 samples of pasteurised milk were taken for examination from both Messrs. A & E Warburton and Manchester and Salford Co-operative Society by the County Council and all but one proved satisfactory.

1 sample of Raw T.T. was taken from Messrs. A & E Warburton this was proved satisfactory.

2 samples of pasteurised milk were taken from W. Wright of Little Thorns, Green Farm, Ashley these proved satisfactory.

Other milk distributors around Bowdon:-

Taylors Dairy (Hale) Ltd.,
Hermitage Road,
Hale,
Cheshire.

Stanley Morton,
Yew Tree Hall Farm,
High Legh,
Knutsford.

J. Heald Ltd.,
Bedford Drive,
Timperley,
Cheshire.

J. H. Nixon,
156 Leigh Road,
Hale,
Cheshire.

E. Hughes,
Chapel Lane Dairy,
Breeze Hill,
Hale,
Cheshire.

PUBLIC HEALTH INSPECTIONS

Inspections of Dwelling Houses re: complaints	136
Inspections of Council Houses re: complaints	67
Inspections of Premises re: Infectious Diseases and Food Poisoning.	12
Inspection of Schools	6
Inspection of Premises Re: sale of ice cream	6
Inspection of Butchers Shops	2
Inspection of Fried Fish Shops	2
Inspection of Food Shops	10
Inspection of Hotels and Cafes	5
Inspection of School Canteens	2
Inspection of Work Places	3
Inspection of Premises re: Offices, Shops and Railway Premises Act.	9
Inspection of Sewage Disposal Works	26
Inspection of Hairdressing Premises	3
Inspection of Premises re: Petroleum Regulations	6
Miscellaneous Inspections	53
Informal Notices served (including Verbal Intimations)	19
Statutory Notices Served	-
Informal Notices complied with	21
Statutory Notices complied with	-
No. of Houses inspected under the Housing and Public Health Acts.	16
No. of Inspections under the Housing and Public Health Acts.	18